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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> Reentry of plugged and OTHER abandoned well for SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name J. L. Reed	
2. Name of Operator Cabot Petroleum Corporation		9. Well No. 3	
3. Address of Operator P. O. Box 5001, Pampa, Texas 79065		10. Field and Pool, or Wildcat King	
4. Location of Well UNIT LETTER G LOCATED 1,980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 35 TWP. 13S RGE. 37E NMPM		12. County Lea	
19. Proposed Depth 6,730'		19A. Formation San Andres & Glorieta	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3847.9 GR, 3860.9 KB	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
22. Approx. Date Work will start			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48	360	400	Surface
11"	8-5/8"	24 & 32	4583	2400	Surface
7-7/8"				50	5440

The subject well was drilled to the Devonian to a TD of 12,430'. It potentialized from an open-hole section, 12,320-12,430', for 561 BOPD on 7-18-57. A workover in 1960 opened additional Devonian pay from 12,190-12,305'. The Devonian was abandoned in October 1968 by setting a CIBP at 9,850' and capping with 2 sacks of cement. The Devonian recovered 294,027 BO during its producing period. A recompletion attempt into the Wolfcamp from 9345-9416' proved unsuccessful and the well was temporarily abandoned. The well was abandoned in January, 1971 by setting a 50-sk cement plug across the Wolfcamp perforations from 9345-9416', cutting and pulling the 5 1/2" csg from 5650' and spotting a 25-sk cement plug across the csg stub, setting a 25-sk cement plug across the 8-5/8" csg shoe, and setting a 10-sk cement plug at the surface.

It is proposed to: (1) Drill out surface plug and circulate and cleanout to the bottom of the 8-5/8" csg and pressure test that csg; (2) Circulate the hole clean to the plug on top of the 5-1/2" csg stub; (3) Deviate the wellbore from off the top of the 5-1/2" csg stub and drill a new hole to 6730'; (4) Acid stimulate the injection interval if required; (5) Run 8-5/8" injection packer on plastic-coated 2-7/8" tbg and set at 4500' after circulating csg annulus with non-corrosive treated water; (6) Injection will commence.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY. BOP will be used.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature George A. Forrest Title Senior Petroleum Engineer Date 3-18-85

(This space for State Use)

ORIGINAL SIGNED BY JETAN SEXTON

APPROVED BY DISTRICT SUPERVISOR

TITLE

DATE

MAY 23 1985

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAR 27 1985

HOUSE OF REPRESENTATIVES